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ACCUSED / CHESTERFIELD

Borough of Chesterfield.



ANNUAL REPORT

OF THE

Medical Officer of Health

FOR THE YEAR 1932.

JAMES A. STIRLING, D.S.C., M.B., CH.B., D.P.H.

MEDICAL OFFICER OF HEALTH.

Borough of Chesterfield.



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MEDICAL OFFICER OF HEALTH.

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BOROUGH OF CHESTERFIELD.

HEALTH COMMITTEE, 1932-33.

THE MAYOR (Councillor A. W. Swale).

Chairman: COUNCILLOR R. A. McCREA.

Vice-Chairman: ALDERMAN T. W. LACK, J.P.

Alderman Sims

Members:

Councillor Blanche Eastwood

Councillor Robinson

„ Evans

„ Syddall

„ Eyre

„ Taylor

„ Hatton

„ Thompson

„ Hogg

„ Wicks

„ Oakley

„ Wright

MATERNITY AND CHILD WELFARE COMMITTEE.

THE MAYOR (Councillor A. W. Swale).

Chairman: COUNCILLOR R. A. McCREA.

Vice-Chairman: ALDERMAN T. W. LACK, J.P.

Members:

Co-opted Members:

Councillor Blanche Eastwood

Mrs. Hawksley Edmunds

„ Hatton

Mrs. W. B. Robinson, Senr.

„ Hogg

Mrs. H. P. Short

„ Robinson

Mrs. Tucker

Voluntary Workers at the Clinics.

- Mrs. ADAMS, Devonshire Avenue, New Whittington,
Chesterfield.
- Mrs. BARKER, 41, Sterland Street, Chesterfield.
- Mrs. BONNELL, 21, Devonshire Avenue, New Whittington.
- Mrs. CALWAY, Manor House, Brimington, near Chesterfield.
- Mrs. CUTTS, 87, Station Road, Whittington Moor, Chesterfield.
- Mrs. W. H. EDMUNDS, Scarsdale House, Gladstone Road,
Chesterfield.
- Mrs. GRATTON, 42, Newbold Road, Chesterfield.
- Mrs. HADDOCK, 6, Avondale Road, Chesterfield.
- Mrs. HAIGH, 111, Newbold Road, Chesterfield.
- Mrs. HARRISON, 31, Cobden Road, Chesterfield.
- Mrs. MAYCOCK, 43, Sterland Street, Chesterfield.
- Mrs. NIND, 11, Brearley Street, Old Whittington.
- Mrs. OWEN, Holly House, Norbriggs.
- Mrs. PEARSON, Red House, Stonegravels, Chesterfield.
- Mrs. ROBINSON, Moorside Cottage, Chesterfield.
- Miss SHENTALL, Netherleigh, Old Road, Chesterfield.
- Mrs. SHORT, Rockley Cottage, Linden Avenue, Chesterfield.
- Miss SANDERS, Somersall Hall, Chesterfield.
- Mrs. SIMS, 61, Wellington Street, New Whittington,
Chesterfield.
- Mrs. STATON, Ingledene, Brookside, Chesterfield.
- Mrs. SWALLOW, Oakfield Avenue, Chesterfield.
- Mrs. TAKON, 212, South Street, New Whittington.
- Miss TAYLOR, 112, Newbold Road, Chesterfield.
- Mrs. TUCKER, The Cedars, Newbold Road, Chesterfield.
- Mrs. WARD, Devonshire Avenue, New Whittington,
Chesterfield.

HEALTH DEPARTMENT,
SALTERGATE,
CHESTERFIELD,
May, 1933.

*To the Chairman and Members of the Health Committee of
the Borough of Chesterfield.*

Mr. Chairman, Ladies and Gentlemen,

I have the honour to submit my fourth Annual Report on the Health and Sanitary Conditions of the Borough for the year 1932.

The Report has been drawn up in accordance with Circular 1269 issued by the Ministry of Health on 24th June, 1932.

I would like to express my thanks to you, Sir, and the other Members of the Health Committee, for the unfailing support I have received during the year. In conclusion, I have to thank the Officials of the other Corporation Departments who have always given every assistance to the Health Department, Mr. Carter, my Chief Sanitary Inspector, for his valuable assistance in the writing of the sanitary section of the Report, and also the other members of my own staff for their loyal and efficient service during the year.

I am, Ladies and Gentlemen,

Your obedient Servant,

J. A. STIRLING,

Medical Officer of Health.

Report of the Medical Officer of Health for the Year 1932.

NATURAL AND SOCIAL CONDITIONS OF THE AREA.

The Report of the 1931 Census, in so far as it relates to the Borough of Chesterfield, shows an increase of 2,928 persons, or 4.8% over the figures of the last Census. The enumerated populations were :—

	Males.	Females.	Total.
1931 ...	31,579	32,581	64,160
1921 ...	30,452	30,780	61,232
Increase ...	1,127	1,801	2,928

The population gain of 4.8% consists of a gain by natural increase (*i.e.*, excess of births over deaths) of 10% and a loss by migration amounting to 5.2%.

The population estimated by the Registrar General to middle of 1932 is 64,390, and it is upon this figure that the calculations in this Report have been based. The area of the Borough is 8,472 acres.

Physical Features of the Area. Chesterfield is built mainly on clay, but there are also areas of rock, shale and coal, rendering the whole drainage of the ground much better than if wholly consisting of clay.

Social Conditions of the Area. The social conditions of the Borough are mainly industrial, the chief occupations of the inhabitants being Coal Mining, Engineering, Pottery-making, Box-making and the manufacture of Surgical Dressings.

VITAL STATISTICS.

(a) The estimated population of the Borough at mid-year 1932 was 64,390, as against an estimated population in 1931 of 64,480, a decrease of 90.

The rateable value of the Borough in 1932 was £310,318, the product of a penny rate being £1,220, as against the corresponding figures of £305,888 and £1,194 for 1931.

(b) *Births.* The total number of births in the Borough was 1,127, giving a birth rate of 17.5, as against a rate of 17.3 in 1931. The birth rate for England and Wales for 1932 was 15.3.

On looking at the birth rates as affecting the wards, the Old Whittington (22.3) and the Rother (20.2) wards have again the highest rates, while the Trinity (12.3) has again the lowest rate.

Appendix 4. *Natural Increase.* The excess of births over deaths was 378, giving a rate of 5.8 per 1,000 population.

Appendices 3, 5, 6 & 7. (c) *Deaths.* During 1932, 749 deaths took place, giving a death rate of 11.6, as against a death rate of 11.4 for 1931. The corresponding death rate for England and Wales was 12.0.

Appendices 5 & 7. As regards the ward distribution, the St. Helen's and New Whittington wards, both with a rate of 12.6, and the Central ward (12.5) show the highest rates. The lowest rates are recorded in the Rother ward (9.0) and the Holme Brook ward (10.5).

Appendix 6. *Age Distribution and Causes of Death.* The four main diseases causing deaths in the Borough are Tuberculosis, Pneumonia, Heart Disease and Cancer, and of these Cancer shows the greatest increase in recent years. Adults between the ages of 55 and 65 accounted for 134 deaths, while adults above 65 accounted for 276 deaths. Thus it will be seen that these two groups accounted for approximately 55% of the total deaths in the Borough during the year.

GENERAL PROVISION OF HEALTH SERVICES IN THE AREA.

Appendices 20 & 24. There have been no alterations in the hospital accommodation during the period under review.

During the year various alterations and improvements have been carried out at Penmore Hospital, thus further adding to the efficiency of the Hospital and the comfort of the patients. Further particulars of the hospitals provided or subsidised by the Local Authority or by the County Council will be found in Appendix 24.

Ambulance Facilities. Motor Ambulances are provided for the removal of cases of infectious disease, and also for use in non-infectious cases.

Appendix 23. *Clinics and Treatment Centres.* Particulars under this heading will be found in Appendix 23.

Appendix 1. *Public Health Staff.* It is with deep regret that I have to record the death of our esteemed colleague, Mr. C. K. Hale, Sanitary Inspector. Mr. W. Roberts was appointed to fill the vacancy caused by Mr. Hale's death.

There were no other changes in the staff of the department during 1932.

PROFESSIONAL NURSING IN THE HOME.

Skilled professional nursing in the homes of the people is provided for general medical and surgical cases, and for certain infectious diseases by the District Nursing Service of the Borough Welfare Committee of the Corporation. The Corporation pay an annual grant of £255 for specific services rendered by the nurses in the home-nursing of Measles, Ophthalmia Neonatorum, Whooping Cough, Puerperal Fever, Enteritis and Poliomyelitis. There has been no change in personnel during the year. Appendix 22.

The names and addresses of the various nurses, together with a summary of their work, will be found in Appendix 22.

Midwives. There are 25 midwives, to whom no subsidy is paid, in practice in the Borough. One of the midwives, with the approval of the Central Midwives Board, undertakes the district training of pupils from the Municipal Maternity Home, such pupils living out with the midwife while taking the district training. Appendix 28.

Maternity and Nursing Homes. At the beginning of 1932 there were six Homes in the Borough registered under the Nursing Homes Registration Act, 1927, two as Nursing Homes only and four as Maternity Homes only. Each Home has been conducted in a satisfactory manner during the year.

No orders were made refusing or cancelling registration, and one application for exemption was made on behalf of the Chesterfield and North Derbyshire Royal Hospital, and this was granted.

Chemical Work. The analysis of food and drugs continues to be carried out for the Corporation by Messrs. A. H. Allen & Partners, of Sheffield. The two partners of this firm, Mr. Scott-Smith and Mr. John Evans, are joint Public Analysts for the Borough of Chesterfield. Full particulars of the work will be found in Appendix 37. Appendix 37.

Legislation in Force. All particulars relating to the legislation in force in the Borough will be found in Appendix 21. Appendix 21.

SANITARY CIRCUMSTANCES OF THE AREA.

Water. Generally speaking the water supply is abundant and of good quality, and no action has been called for in respect of any form of contamination. Appendix 42.

Analysis of the various water supplies of the Borough will be found in Appendix 42.

Rivers and Streams. It was not found necessary to take any action under this heading during the period under review.

Appendix 41. Drainage and Sewerage. Particulars of new sewers laid during the year will be found in Appendix 41.

Sewage Disposal. The existing plant has dealt satisfactorily with the sewage of the Borough under a controlled load. During the year, the extensions have gone forward satisfactorily, and the Sludge Digestion Tanks, in order of completion, were put into operation during the month of March.

The new area of sludge drying beds have also been brought into use as completed.

In May, before any work of the protection scheme could be proceeded with, a further serious flooding occurred. Since then, works comprising a flood wall on the East and North sides of the Works, covering in the inflow conduits, and the re-arrangement of the pumping mains, etc., have been carried out.

The new Bio-Aeration Unit has been commenced and will be completed early in 1933.

Appendix 29. Closet Accommodation. The appendix shows the type of convenience in connection with dwellinghouses in the Borough, the existing 189 privies having reference to areas where sewer or water Supply is not available. It is anticipated that the Corporation will shortly put in hand the necessary extension of sewer near the Borough boundary at Sheffield Road and Woodland Road to allow the necessary conversion of the privies into water closets of the 25 houses in that area, and further, the installation of a small pumping plant to allow of the conversion of the 26 houses comprising Tapton Terrace.

During the year only 1 privy has been converted into a water closet, while 5 additional water closets have been provided.

Appendix 40. Scavenging. The removal and disposal of house refuse is undertaken by the Cleansing Department of the Corporation, and a summary of the work done will be found in Appendix 40.

Appendices 30, 31 & 32. Sanitary Inspection of the Area. Details of this work will be found in the appropriate appendices.

Appendix 33. Smoke Abatement. During the year, 21 works' chimneys have been the subject of periodic observation, the total number of observations being 143. The Council's

Byelaw under the Public Health (Smoke Abatement) Act of 1926, prescribes not more than 3 minutes of black smoke in any continuous period of 30 minutes.

On eight occasions the Byelaw was infringed, but only to a slight extent. In each case the firm in question was notified but beyond this no formal action was taken. The average number of minutes of black smoke per 30 minutes for the total number of observations was found to be .99.

Premises Controlled by Regulations or Byelaws. The number and character of these places will be found in Appendix 34. Appendix 34.

Common Lodging Houses. By reference to the appendix, it will be seen that there are still four registered Common Lodging Houses for men only, and having a total accommodation of 304 beds. One of the four is the Municipal Hostel, owned and carried on by the Corporation, and which has 160 beds. Appendix 35.

Factory and Workshops Act. 72 visits were made to factories and workshops during the year, and a summary of these visits will be found in the appendix. Appendix 38.

Offensive Trades. The total number of these trades, which include fried fish shops, is 72. These are shown by an asterisk in the appendix. Appendix 34.

INSPECTION AND SUPERVISION OF FOOD.

Milk Supply.

MILK REGISTER.

Number of Registered Milk Producers in the Borough	...	...	...	...	...	77
Number of Cowsheds in the Borough	...	...	...	...	...	103
Approximate number of Cows housed	...	...	...	...	...	620
Number of Registered Producers residing outside the Borough	...	...	...	...	...	97
Number of Retailers (not producers) in the Borough	...	...	...	...	...	92
Number of Retailers (not producers) residing outside the Borough	...	...	...	...	...	22
Number of Inspections of Dairies and Cowsheds...	...	...	...	...	...	301

Milk and Dairies Order, 1926. Under the provisions of this Order, the work outstanding at the year end 1931, in connection with the reconstruction of cowsheds on five farms, has been completed.

During the current year four new cowsheds have been erected, while six cowsheds have been internally reconstructed, and in addition two new dairies on farm premises have been erected.

Milk (Special Designations) Order, 1923. There are no premises in the Borough whereon designated milk is produced. The Clay Cross Company, at Coney Green Farm, Clay Cross, possess a Supplementary Licence for the distribution of Grade A milk in the Borough, while in addition, the Derbyshire Pure Milk Company, Ltd., of Sheffield, have a Supplementary Licence for the sale of Pasteurised Milk.

Bacteriological Examination of Milk. During the year, 82 primary samples of mixed milk from 877 cows were obtained for bacteriological examination.

64 of these primary samples were from Borough producers, while 18 were from herds situate outside the Borough, and 5 primary mixed samples from 80 cows showed evidence of Tubercle Bacilli.

To identify the affected animals comprised in the five samples, 14 secondary samples were taken, resulting in 9 individual cows being found to be yielding tuberculous milk, and being equal to 1.02 per cent. of the total cows in the primary samples. Taking the percentage of mixed milks found to be infected the proportion was 6.09 per cent.

Appendix
36.

Meat and Other Foods. The total number of slaughter-houses in the Borough at the year end was 34.

In August the Corporation accepted a tender, amounting to nearly £13,000, for the erection of a Municipal Abattoir on land already the property of the Corporation.

The site is centrally situated and has on its Western side the Cattle Market and on the East the premises of the Chesterfield Pure Ice & Cold Storage Company. The plans were prepared and the building is being carried out under the supervision of Mr. E. G. Felgate, A.R.I.B.A., of Keighley, and the actual work was commenced on the 16th August. Owing to the nature of the ground, special provisions were required to be taken for the re-inforcement of wall foundations and floors.

Briefly described, the arrangement of the building is as follows:—On the west of an open central yard are arranged the Beast and Sheep Lairages and the Beast and Sheep Dressing Hall and Office. On the east side of the yard are the Pig Lairages and Pig Dressing Hall, Guttery, Boiler House, and subsidiary rooms. The communication between the two blocks is obtained by a covered way giving access to the yard, the Detention Room, Condemned Meat Room, etc., on the south, and to the Cooling Hall and Loading Dock on the north. The Cooling Hall thus forms a central projecting block between the two wing buildings.

Flanking either side the main entrance gates to the yard on the south, are arranged the Hide Store and other subsidiary rooms.

All the main glazing of windows and roof lights—except in certain subsidiary rooms—is in Calorex tinted glass.

Stunning pens are being provided in both Beast and Pig Slaughter Halls, and while in the former the Captive Bolt Pistol will be used, the pigs will also be humanely stunned by means of electrical patent appliances known as the "Electrolethaler," by means of which a pair of tongs placed on either side of the pig's head transmits a weak electric current sufficient to render complete and painless unconsciousness.

While the buildings are planned to amply cover present requirements, provision has been made for future extension if required.

It is anticipated that the building will be completed in June, 1933.

In connection with the existing slaughter-houses, 4,531 visits were paid during the year in addition to 230 visits to butchers' shops, the stalls in the open weekly Market being regularly inspected. The total weight of all foods destroyed as unfit for human consumption was over 29 tons.

Of the 4,861 beasts inspected, 10.9 per cent. were found to be infected with Tuberculosis to a greater or lesser extent, while in the case of 8,917 pigs, the same disease percentage was found to be 7.4.

During the year, legal proceedings were taken against three persons exposing for sale or being in possession of unsound meat, there being four offences in connection with the three defendants. The Magistrates found the cases proved and the fines imposed amounted to £40.

Sale of Food and Drugs Act and Preservatives in Food Regulations. During the year 224 samples of food were submitted to the Public Analyst, 165 of these being milk. The number of milk samples found to be below the standard laid down by the Sale of Milk Regulations was 26, equal to a percentage of 15.7. This number included three secondary samples, so that in the case of primary samples only, the number of milks below standard was equal to 13.9 per cent. *Appendix*
37.

Legal proceedings were taken as a result of a sample of milk purchased from a Borough retailer which, in the opinion of the Public Analyst, contained 34.2 parts of added water. By the co-operation of the Derbyshire County Council a sample of the milk supplied by the producer to this particular retailer was taken at the time of delivery at

a place which was outside the Borough Boundary. The analysis of this sample showed it to contain 29.8 parts of added water. A subsequent "Appeal to Cow" sample showed the milk to be of good quality.

The producer was fined £10 and costs, while the summons against the retailer for the technical offence of selling the first sample was dismissed.

The 59 samples of various other foods were all found genuine or in conformity with the Regulations.

The average composition of the 165 samples of milk was: Fat, 3.47 per cent; Solids-not-fat, 8.81 per cent.

Rag Flock Acts, 1911 and 1928. There are no premises in the district affected by the requirements of these Acts.

Schools. There is nothing to add to last year's remarks under this heading. It is again pleasing to report that no serious outbreak of infectious disease occurred amongst the school children during the year, and it was not found necessary to close any department of the schools.

HOUSING.

Appendix
39.

During the year, 290 new houses were erected, 117 of these being built by the Local Authority and the remaining 173 by private enterprise.

Official Representations were made under Section 19 of the Housing Act of 1930 in respect of 15 individual houses. In the case of one house, the Corporation waived the question of demolition by allowing the owner to convert the premises into garages, Demolition Orders being made in the case of 14 houses.

In addition to the above, a Clearance Order was made by the Council under Part 1 of the Housing Act, 1930, the area comprising 14 houses. At the year end the Order was waiting confirmation by the Ministry of Health.

Formal notices under Section 17 of the Housing Act, 1930, for structural repairs were served in the case of 84 houses. Allowing for a certain number of outstanding notices at the end of 1931, the works required to be done have been completed in the case of 113 houses, 94 of these having been undertaken by the owners and 19 by the Corporation in default of compliance with the notice. At the year end, the work was outstanding in the case of 28 notices. In addition to formal notices to carry out repair work, a further 146 houses were repaired upon informal action by the department.

In my opinion there still exists a real need for new housing accommodation in the Borough, as evidenced by the extent of overcrowding and the existence of unfit houses.

PREVALENCE OF, AND CONTROL OVER, INFECTIOUS DISEASES.

It is pleasing to report a considerable fall in the prevalence of infectious disease during the year, there having been only 277 cases notified, as against 487 cases in 1931. *Appendices 7, 13, 14, 15 & 16.*

Both diphtheria and scarlet fever remained mild in type and there have been no cases of smallpox notified in the area during the period under review.

Unfortunately, the incidence of cerebro spinal meningitis has risen during the year, there having been 14 cases notified, but this rise is in common with a general rise which has been experienced throughout the country during the year.

There is nothing to note with regard to the other notifiable diseases, and the hospital accommodations has proved quite adequate during the year.

Ophthalmia Neonatorum. Two cases of this disease were notified, were nursed at home, and both recovered with unimpaired vision. The arrangements for dealing with this disease remain as in previous years and are adequate and efficient.

There is nothing special to note as regards the ward distribution of the various infectious diseases, there having been no ward specially affected during the year. *Appendices 7 & 16.*

Schick and Dick Tests for Diphtheria and Scarlet Fever. No use has been made of these tests during the period under review.

Disinfection of Premises. Routine disinfection of premises and bedding is carried out immediately after removal of cases of infectious disease to hospital, or in home nursed cases, after the period of infection is over.

Bacteriological Work. Bacteriological examinations in connection with infectious diseases are carried out at the County Health Laboratory, Derby, and a summary of these will be found in appendix 15. *Appendix 15.*

Supply of Diphtheria Antitoxin. On application to the Health Department or the Maternity Home during holiday periods, concentrated diphtheria antitoxin is supplied free to all medical practitioners for use in the Borough.

TUBERCULOSIS.

Appendices
17, 18 &
19.

During the period under review, 77 cases of tuberculosis were notified, and of this number 53 were pulmonary and 24 non-pulmonary cases. There were 51 deaths from this disease, being an increase of 7 on last year's figures. The ward distribution of this disease will be found in appendix 19.

All tuberculosis work affecting the Borough is undertaken by the Derbyshire County Council, and I would like to take this opportunity of again extending my grateful thanks to Dr. Nicholson, the area Tuberculosis Officer, for his kindly help and co-operation during the past year, which has been greatly appreciated by the department.

Treatment. Facilities for the diagnosis and treatment of tuberculosis in Chesterfield are offered at the Brimington Road Clinic on Tuesdays and Fridays in each week and on the first and third Monday of each month. Sanatorium treatment is provided at Walton Sanatorium and the Tuberculosis Pavilion at Penmore Hospital, while cases of Surgical Tuberculosis are treated at Bretby Hall Sanatorium.

Appendix
18.

A report on the attendance of Borough cases at the County Tuberculosis Dispensary in Brimington Road, and also on the cases treated in the Tuberculosis Pavilion at Penmore Hospital during 1932 will be found in appendix 18.

After Care. The after care of these cases is carried out by the County Health Visitors, and this work is largely assisted by the Borough Welfare District Nursing Committee. Grants towards nursing and the supply of milk are made in certain cases by the County Council.

No action was taken during the year under either the Public Health (Prevention of Tuberculosis) Regulations, 1925, or Section 62 of the Public Health Act, 1925.

MATERNITY AND CHILD WELFARE.

Midwives Acts, 1902—1926.

Twenty-five midwives notified their intention to practice in the Borough during 1932, all of whom have been regularly inspected and found to be carrying out their work satisfactorily.

During the year 280 "Medical Help" forms were received from midwives, and an analysis of these will be found in appendix 28.

Any medical practitioner who attends a case of emergency at the request of a midwife may, within two

months of receiving a medical help form, forward an account for this service to the Local Supervising Authority, and during 1932 claims were paid under this heading to the amount of £397.

All cases for which claims are made under the above by a medical practitioner are submitted to the Maternity and Child Welfare Sub-Committee, who decide, on information obtained by the Borough Treasurer's Department, as to whether or not the fee shall be reclaimed from the patient. During the period under review the fees so reclaimed amounted to £58.

During the year ended September 30th, 1932, 321 expectant mothers availed themselves of the Insurance Scheme for Expectant Mothers, this being an increase of 88 on last year's figures, but the actual increase of new cases has only been 75 as 13 expectant mothers availed themselves of the scheme in 1931 and also took advantage of it in 1932.

Reviewing the scheme after two years of working from a financial point of view, the fact still remains that the loss to the Corporation is greater in insured as against uninsured cases, in fact the difference in loss per case treated between insured and uninsured cases has risen from 4/9 to 10/5 during the current year. I am afraid that in any such scheme there is always bound to be a loss, because from an actuarial point of view the insurance scheme would require to be 10/- instead of 5/-, but in my opinion the charging of any higher fee than 5/- at the present time at any rate would not be advisable.

I would, therefore, like to briefly summarise the factors which cause the scheme to be an uneconomic one from a financial point of view.

- (1) The midwives have been more inclined to call in medical aid in doubtful cases where they know that it will not result in more expense to their patients.
- (2) In my opinion, there are a certain number of the insured mothers who think that because they have paid the fee, they ought to have the services of a doctor at the confinement whether it is needed or not.
- (3) During the year under review the percentage of cases where medical treatment was called for was 45 per cent. in insured cases, whereas in uninsured cases it was only 19 per cent., and this difference makes one wonder whether the midwives are not to some extent picking their cases,

that is, in certain cases insuring patients who, from ante-natal examination, or from trouble in previous pregnancies, are likely to give rise to complications in labour necessitating the calling in of a medical practitioner.

I have nothing to say against factor number one, as I am convinced that it is to the good of both the patient and midwife that when there is any doubt in a case medical aid should be summoned. With regard to factors 2 and 3, the Maternity and Child Welfare Committee agreed with my suggestion to appoint a Sub-Committee to meet the midwives and obtain their views. Such a meeting was held and a full discussion ensued, and as a result I hope that the continuance of this scheme, which is primarily concerned to provide better midwifery and reduce maternal morbidity and mortality, will meet with a greater measure of success in the coming year.

Maternal Mortality. There were six deaths during pregnancy and parturition. The maternal mortality rate was 5.1 as compared with a rate of 8.4 for last year, the corresponding rates for England and Wales being 4.06 and 4.1.

Appendices 8, 9 & 10. Infantile Mortality. The number of infants dying before reaching the age of one year was 77, as compared with 97 for 1931, giving an infantile mortality rate of 69 compared with that of 65 for England and Wales as a whole.

On analysing the age at which death occurred it will be seen that 37, or about 48 per cent., of the total deaths occurred within one week of birth. As regards the ward infantile mortality, the Newbold, Holme Brook and St. Leonard's wards show the highest figures with rates of 119, 116 and 107 respectively, while the lowest figure is recorded in Old Whittington ward with a rate of 9.

Of the 1,127 children born during 1932, 768 or 68 per cent. of them attended the Child Welfare Centres.

Still Births. During the year 47 legitimate and 3 illegitimate still births were registered.

Appendix 27. Home Visiting. Home visiting, one of the most important duties of the Health Visitors, has been carried out on the same lines as hitherto. The Health Visitors paid 6,908 visits to the homes of children under one year of age, and 6,393 visits to children between the ages of one and five years, giving a total of 13,303 visits for 1932 as against 12,464 visits for 1931. The Health Visitors also paid 593 visits to expectant mothers and 609 other visits.

Appendix 26. Infant Welfare Centres. Clinics are held on Mondays, Tuesdays and Wednesdays, at the Maternity Home, on

Mondays at the Adult School, Whittington Moor, and on Tuesdays at the New Whittington Social Institute.

Each child attending a centre is weighed weekly, and charts of the weights and medical records of the children are kept. Advice is given on feeding and minor infantile disorders, and cases which require medical treatment are referred to their own private doctor. During 1932, 1,858 children made 16,009 attendances at the Centres, as against corresponding figures of 1,627 and 13,927 for 1931.

The arrangements for the dental treatment of children under school age attending the Infant Welfare Centres remain as before, and a summary of these during the period under review will be found in appendix 26a. Appendix
26(a).

Ante-Natal Clinic. The Ante-Natal Clinic is held at the Maternity Home on Thursdays and Fridays. During 1932 there was an increase in the number of new cases attending the Clinics—527 as compared with 421 in the previous year. The total number of attendances was 762. Appendix
26.

Voluntary Help. It is a privilege to place on record once more my appreciation of the work of the ladies who week by week give their valued services at the Centres. When it is remembered that over 68 per cent. of all babies born in the Borough attend the Infant Welfare Centres, it is obvious how important is the work to which these ladies so earnestly devote themselves.

Free and Assisted Milk Scheme. Under this scheme expectant mothers, and children up to the age of three years, are eligible for a supply of milk if the family income is within the governing scale, and milk to the value of approximately £450 was supplied during 1932.

Infant Life Protection (Children's Act, 1908, Sec. 1). At the beginning of 1932 there were seven foster-parents and eight children on the register, while at the end of the year the figures were respectively six and seven. During the year the homes and children have been regularly inspected by the Health Visitors, and in all cases after their visits the reports have been satisfactory.

Maternity Home. During the year under review 564 cases were admitted to the Maternity Home, an increase of 122 on last year's figures. Of this increased number of cases 47 were Borough and 75 County cases, and the increase in County cases can be accounted for by a new arrangement which was entered into with the County Council in April, whereby the County Council agreed to send in at least 150 cases per annum at a fee of £3 3s. 0d. per week per case, plus an annual retaining fee of £225. Appendix
25.

The Maternity Home is recognised as a training school for midwives, regular courses of lectures to midwives have

been given, and it is again gratifying to note that a very large percentage of the pupil midwives attached to the Home have been successful in obtaining the certificate of the Central Midwives Board.

The summary of work performed in the Home during 1932 will be found in Appendix 25.

I am indebted to Dr. Mackay, Resident Medical Officer, for the following report on the work of the Maternity Home during the year under review :—

We have had an interesting and successful year of work in the Maternity Home. There have been 122 cases more than last year admitted. Of the 564 total cases, 50 were admitted as emergencies. In spite of these facts there has only been one maternal death and the still-birth rate and infant death rate are also lower than last year.

The types and proportion of abnormal cases have been very similar to those of previous years. A considerable number of patients have been admitted for ante-natal treatment and subsequently have been able to return home till the time of confinement. There were 15 cases of severe antepartum hæmorrhage but all these mothers made good recoveries with the aid of various forms of saline injections. It was not found necessary to avail ourselves of the facilities for blood transfusion. We have again succeeded in our keeping our number of instrumental deliveries at a low figure, namely 6 per cent.

We have always made it a special point in the Home to try and relieve our patients as far as possible of any unnecessary pain by the use of sedatives. In the past this has taken the form of sedatives given by mouth or by twilight sleep. At the beginning of September of this year we tried the use of chloroform capsules given by inhalations. This was found to be more successful and we have continued it ever since. The patient is given chloral at the beginning of labour, repeated if necessary, and then a matter of about four to six chloroform capsules in the later stages. This relieves the patients of the more severe pains (some of them going completely to sleep) without in any way interfering with the normal progress of labour. In fact it makes the management of the actual birth easier for the midwife as well as the patient. It also ensures a sound sleep for the mother afterwards and leaves her with fewer unhappy memories. There have been no ill effects noticed, and the patients themselves, especially those who have had previous children, have expressed themselves very strongly in favour of this new method. For the remainder of the year this method has been employed as part of the regular routine with practically every patient.

APPENDIX 1.

PUBLIC HEALTH STAFF.

Medical Officer of Health and School Medical Officer—

† J. A. STIRLING, D.S.C., M.B., Ch.B., D.P.H.

Assistant Medical Officer of Health and Assistant School Medical Officer—

† BELL C. MACKAY, M.B., Ch.B., D.P.H.

Obstetric Surgeon to Maternity Home (part-time)—

A. M. DUTHIE, D.S.O., M.C., M.D., F.R.C.S.

Dental Officer—

† A. ROYDEN LITTLAR, L.D.S.

Consultant Surgeons under Puerperal Fever Regulations (part-time)—

† W. W. KING, M.B., Ch.B., F.R.C.S.

† M. H. PHILLIPS, M.B., B.S., F.R.C.S.

† J. CHISHOLM, M.B., Ch.B., F.R.C.S.

† J. E. STACEY, M.D., F.R.C.S.

Veterinary Surgeon to the Corporation (part-time)—

W. KING CLARK, M.R.C.V.S.

*Public Analyst (part-time)—*J. EVANS, F.I.C.

Chief Sanitary Inspector—

† A. S. CARTER, C.S.I., Certified Meat Inspector.

Sanitary Inspectors—

*† C. K. HALE, C.S.I., Certified Meat Inspector.

† W. TEASDALE, C.S.I., Certified Meat Inspector.

† C. A. WOOD, C.S.I., Certified Meat Inspector.

‡† W. ROBERTS, C.S.I., Certified Meat Inspector.

Senior Health Visitor—

† MRS. J. S. NICHOLLS, Trained Nurse, C.M.B.,
Cert. San. Insp., Cert. Queen's Jubilee Inst.

Health Visitors and School Nurses—

- † MRS. P. A. ELLOR, Trained Nurse, C.M.B.
- † MISS F. SMITH, Trained Nurse, C.M.B.
- † MISS O. M. PARKER, Trained Nurse, C.M.B.
- † MRS. S. M. STREET, Trained Nurse, C.M.B., Health Visitor's Certificate.
- † MISS E. E. PASSEY, Trained Nurse, C.M.B., Cert. San. Insp.
- † MISS E. M. HUGHES, Trained Nurse, C.M.B., Health Visitor's Certificate.

Matron, Maternity Home—

- † MISS A. HOPWOOD, R.R.C.

*Chief Clerk—G. S. BROWN.**Clerical Staff—*

MISS M. SYLVESTER.

MISS C. PEGG.

C. W. WICKS.

† Contributions to Salaries under Public Health Acts or by Exchequer Grants.

* Died.

‡ Appointed 2nd August, 1932.

APPENDIX 2.

GENERAL INFORMATION.

Area (Acres)	8,472
Population, 1932 (estimated)	64,390
Number of Inhabited Houses (Census, 1931) ...	14,608
Number of families or separate occupiers	15,083
Rateable Value	£310,318
Sum represented by penny rate (gross)	£1,220

APPENDIX 3.

EXTRACTS FROM VITAL STATISTICS OF THE YEAR.

	M.	F.	Total.	
Births—Legitimate ...	563	521	} 1127	Birth Rate 17.5
Illegitimate ...	15	28		

Deaths— ... 391 358 749 Death Rate 11.6

Number of Women dying in, or in consequence of Childbirth:
From Sepsis, 1; from other causes, 5.

Deaths of Infants under one year of age per 1,000 births:

Legitimate, 71; Illegitimate, 6; Total, 77

Deaths from Measles (all ages) 12

 " " Whooping Cough (all ages) 5

 " " Diarrhœa (under 2 years) 3

APPENDIX 4.

BIRTHS.

	Ches- terf'd	Has- land	West	Rother	St. Leon.	H'me- brook	Cent- ral	Trin'y	St Hel'ns	Moor	New- bold	Old Whit.	New- Whit.
Estimated Population ...	64390	4695	4491	9555	5193	5531	4962	5942	3185	5911	6561	4801	3563
No. of Births ...	1127	74	70	201	75	95	89	73	48	112	118	106	66
Birth Rates ...	17.5	15.8	15.6	20.2	14.4	17.1	17.7	12.3	15.05	18.9	17.9	22.3	18.5
Percentage of Total Births...	...	6.6	6.2	17.8	6.7	8.4	7.9	6.5	4.2	9.9	10.5	9.4	5.9

APPENDIX 4 (Continued).

BIRTH RATES.

Year.	Chesterfield		England and Wales Birth Rate.
	No. of Births.	Birth Rate.	
1928	1261	19.2	16.7
1929	1213	18.6	16.3
1930	1156	17.7	16.3
1931	1115	17.3	15.8
1932	1127	17.5	15.3

NATURAL INCREASE OF POPULATION.

1928	1929	1930	1931	1932
9.2	6.8	7.1	5.8	5.8

APPENDIX 5.

DEATHS.

	Chesterfield	WARDS.												Transferable Deaths
		Hasland	West	Rother	St. Leonards	Holmebrook	Central	Trinity	St. Helens	Moor	Newbold	Old Whittington	New Whittington	
Estimated Population ...	64390	4695	4491	9555	5193	5531	4962	5942	3185	5911	6561	4801	3563	...
No. of Deaths..	749	57	48	86	55	58	62	68	40	67	78	53	45	32
Death Rates ...	11.6	12.1	10.7	9.0	10.6	10.5	12.5	11.4	12.6	11.3	11.8	11.05	12.6	...
Percentage of Total Deaths	...	7.6	6.4	11.5	7.3	7.7	8.3	9.1	5.3	8.9	10.4	7.1	6.0	4.3

DEATH RATES.

Year	Chesterfield		England and Wales Death Rate.
	No. of Deaths	Death Rate.	
1928	667	10.16	11.7
1929	769	11.78	13.4
1930	691	10.6	11.4
1931	736	11.4	12.3
1932	749	11.6	12.0

Table shewing Causes of, and Ages at Death.

Cause of Death.	All Ages.	Under 1 year.	1 and under 2.	2 and under 3.	3 and under 4.	4 and under 5.	5 and under 10.	10 and under 15.	15 and under 20.	20 and under 25.	25 and under 35.	35 and under 45.	45 and under 55.	55 and under 65.	65 and upwards.
Typhoid and Paratyphoid Fevers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Measles ...	12	3	5	...	...	1	3	...	...	...	...	...	...	...	...
Scarlet Fever ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Whooping Cough ...	5	1	3	...	...	1	...	...	...	...	...	...	...	...	...
Diphtheria ...	4	...	...	...	...	1	2	...	...	...	...	1	...	...	...
Influenza ...	30	2	1	1	...	...	1	1	...	...	7	2	6	4	5
Encephalitis Lethargica	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...
Cerebro-spinal Fever ...	4	...	...	...	...	...	...	1	...	...	1	1	1	...	...
Tuberculosis of Respiratory System ...	38	...	...	...	...	...	...	2	7	3	7	10	4	5	...
Other Tuberculous Disease	14	...	2	1	...	1	2	2	2	1	2	...	...	...	1
Syphilis ...	3	1	...	...	...	...	...	...	...	...	...	...	...	2	...
General Paralysis of the Insane, Tabes Dorsalis ...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Cancer, Malignant Disease	92	...	...	...	...	...	...	...	...	...	2	5	14	31	40
Diabetes ...	10	...	...	...	...	...	...	...	...	...	...	1	...	2	7
Cerebral Hæmorrhages, etc.	58	...	...	...	...	...	1	...	...	...	...	2	4	17	34
Heart Disease	132	...	...	...	...	...	...	...	1	...	1	7	13	29	81
Aneurysm ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other Circulatory Diseases	29	...	...	...	...	...	...	...	1	1	...	...	2	6	19
Bronchitis ...	40	4	3	...	...	...	...	...	...	...	...	1	...	6	26
Pneumonia (all forms)	55	8	9	1	3	2	2	2	3	4	3	6	4	5	3
Other Respiratory Diseases	10	...	1	...	...	1	...	...	...	...	...	3	...	1	4
Peptic Ulcer ...	3	...	...	...	...	...	...	...	...	...	1	...	1	1	...
Diarrhœa, etc. (under 2 years)	3	3	...	...	...	...	...	...	...	...	...	...	...	...	...
Appendicitis ...	2	...	...	...	...	...	...	...	...	...	...	1	...	1	...
Cirrhosis of Liver ...	3	...	...	...	...	...	...	...	...	...	...	...	...	2	1
Other Diseases of Liver, etc.	4	...	...	...	...	...	...	...	...	...	...	1	...	2	1
Other Digestive Diseases	27	4	1	1	...	...	1	...	...	1	3	1	2	6	7
Acute and Chronic Nephritis	11	...	...	...	...	...	...	...	...	...	2	1	2	2	4
Puerperal Sepsis ...	1	...	...	...	...	...	...	...	...	...	1	...	...	...	...
Other Puerperal Causes	5	...	...	...	...	...	...	...	...	1	1	3	...	...	...
Congenital Debility, Malformation and Premature Birth	45	43	1	...	...	...	1	...	...	...	...	...	...	...	...
Senility ...	21	...	...	...	...	...	...	...	...	...	...	...	...	...	21
Suicide ...	6	...	...	...	...	...	...	...	...	...	1	2	2	...	1
Other Deaths from Violence	23	1	...	...	...	...	1	...	2	3	1	4	3	4	4
Other Defined Diseases	49	7	4	...	...	1	1	...	3	4	3	2	6	4	14
Causes Ill-defined and unknown	8	...	...	...	...	...	...	...	...	...	...	1	1	4	2
TOTAL DEATHS	749	77	30	4	3	8	15	8	19	19	36	55	65	134	276

The Deaths as they occurred in the Wards.

Cause of Death.	Hasland.	West.	Rother.	St. Leonards.	Holmebrook.	Central.	Trinity.	St. Helens.	Moor.	Newbold.	Old Whittington.	New Whittington.	Transferable Deaths.	TOTAL.
Typhoid and Paratyphoid Fevers	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Measles ...	...	1	3	...	1	1	1	...	...	4	1	...	...	12
Scarlet Fever ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Whooping Cough ...	2	...	...	...	...	...	...	...	3	...	...	...	...	5
Diphtheria ...	...	...	...	2	...	...	...	...	...	...	1	1	...	4
Influenza ...	10	3	2	3	2	2	3	...	1	3	1	...	...	30
Encephalitis Lethargica ...	...	...	...	...	...	...	...	...	1	...	...	...	...	1
Cerebro-spinal Fever ...	...	...	...	...	...	...	...	...	...	...	...	...	4	4
Tuberculosis of Respiratory System ...	2	5	5	3	6	2	2	2	2	7	2	...	...	38
Other Tuberculous Diseases ...	...	1	...	1	2	...	...	...	4	1	1	1	3	14
Syphilis ...	...	...	...	...	1	1	...	...	...	...	1	...	...	3
General Paralysis of the Insane, Tabes Dorsalis ...	...	...	...	...	...	...	...	1	...	...	...	...	...	1
Cancer, Malignant Disease ...	4	2	10	9	6	8	17	4	6	9	5	7	5	92
Diabetes ...	1	...	3	1	1	...	...	...	...	1	2	1	...	10
Cerebral Hæmorrhage, etc. ...	2	7	6	2	3	9	4	3	8	8	3	3	...	58
Heart Disease ...	9	15	9	11	9	11	14	9	5	14	13	11	2	132
Aneurysm ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other Circulatory Diseases ...	3	...	6	3	...	3	2	2	1	1	4	3	1	29
Bronchitis ...	5	4	4	1	5	4	3	5	3	2	1	3	...	40
Pneumonia (all forms) ...	6	1	12	4	2	3	7	2	11	3	1	3	...	55
Other Respiratory Diseases ...	...	...	1	...	...	3	2	1	...	2	1	...	...	10
Peptic Ulcer ...	1	...	...	...	...	...	...	1	...	...	...	...	1	3
Diarrhœa (under 2 years) ...	...	1	...	...	1	...	...	...	...	...	1	...	...	3
Appendicitis ...	...	...	...	...	...	...	...	...	...	...	2	...	...	2
Cirrhosis of Liver ...	1	...	...	...	...	...	...	...	...	...	...	...	2	3
Other Diseases of Liver, etc. ...	1	...	...	...	...	...	...	...	1	2	...	...	...	4
Other Digestive Diseases ...	3	1	4	2	2	1	...	1	3	2	3	3	2	27
Acute and Chronic Nephritis ...	1	2	1	...	2	...	...	...	2	2	1	...	...	11
Puerperal Sepsis ...	...	...	...	...	...	...	1	...	...	...	...	...	...	1
Other Puerperal Causes ...	...	...	1	...	...	...	2	...	1	...	1	...	...	5
Congenital Debility, Malformation and Premature Birth ...	2	...	4	4	9	3	2	4	4	8	1	4	...	45
Senility ...	1	2	3	3	1	1	2	2	1	4	...	...	1	21
Suicide ...	...	...	...	...	1	...	...	...	...	1	2	1	1	6
Other Deaths from Violence ...	...	2	4	2	...	3	...	2	3	...	2	1	4	23
Other Defined Diseases ...	2	1	5	3	3	6	6	1	6	4	3	3	6	49
Causes ill-defined or unknown ...	1	...	3	1	1	1	...	...	1	...	...	...	...	8
TOTALS ...	57	48	86	55	58	62	68	40	67	78	53	45	32	749

NOTE.—Of the total deaths occurring in the Borough, 176 actually died in Institutions, *i.e.*, Royal Hospital 66, Penmore Hospital 11, Public Assistance Hospital 81, Walton Sanatorium 6, Maternity Home 5, Nursing Homes 7. These deaths have been allocated amongst the various wards.

APPENDIX 8.

Infant Mortality during the Year.

Deaths from stated causes at various ages under 1 year of age.

Cause of Death	Under 1 week	1—2 weeks	2—3 weeks	3—4 weeks	Total under 4 weeks	1 mon. & under 3 mons.	3—6 months	6—9 months	9—12 months	Total deaths under 1 year
Measles	...	...	...	...	...	...	2	1	...	3
Whooping Cough	...	...	...	...	...	...	...	1	...	1
Influenza	...	...	...	...	...	...	2	...	...	2
Bronchitis	...	...	...	...	...	...	1	3	...	4
Pneumonia	...	...	...	...	...	...	1	1	...	8
Diarrhoea and Enteritis	...	...	...	...	...	2	...	...	1	3
Congenital Malformations	5	...	1	1	7	1	1	1	...	10
Premature Birth	20	5	1	...	26	1	...	...	...	27
Debility	1	1	...	...	2	1	3	...	...	6
Convulsions	...	...	...	...	...	1	...	2	...	3
All other causes	2	...	...	...	2	2	4	...	2	10
TOTAL DEATHS	28	6	2	1	37	9	14	9	8	77

APPENDIX 9.
Infant Mortality in the Wards.

Disease	Hasland	West	Rother	St Leonard's	Holmebrook	Central	Trinity	St. Helen's	Moor	Newbold	Whittington Old	Whittington New
Measles	...	...	...	...	1	...	...	...	...	2	...	...
Whooping Cough	1	...	...	...	...	...	...	...	...	...	...	...
Influenza	...	...	1	1	...	...	...	...	...	...	...	...
Bronchitis	...	1	1	...	...	1	...	...	...	1	...	...
Pneumonia	1	...	1	2	...	...	3	...	...	1	...	...
Diarrhoea and Enteritis	...	1	...	...	1	...	...	...	...	...	1	...
Congenital Malformations	1	...	...	1	4	1	...	...	2	...	...	1
Premature Birth	1	...	2	2	5	2	1	3	2	6	...	3
Debility	...	...	1	1	...	...	1	1	...	2	...	...
Convulsions	...	...	1	...	...	...	1	...	...	1	...	...
All other causes	1	...	...	1	...	1	1	...	3	1	...	2
TOTAL DEATHS	5	2	7	8	11	5	7	4	7	14	1	6

APPENDIX 10.

Infantile Mortality Rates.

Year	Chesterfield			England and Wales Rate
	Births	Under 1 yr. Deaths	Rate.	
1928	1261	84	66	65
1929	1213	82	67	74
1930	1156	80	69	60
1931	1115	97	87	66
1932	1127	77	68	65

Infant Deaths.

Ward Mortality Rates.

	Ches- terf'd	Has- land	West	Roth'r	St. Leon.	H'me- brook	Central	Trin'y	St. Hel'ns	Moor	New- bold	Old Whit.	New Whit.
No. of Births ...	1127	74	70	201	75	95	89	73	48	112	118	106	66
No. of Deaths (under 1) ...	77	5	2	7	8	11	5	7	4	7	14	1	6
Infant Mortality Rate ...	68	67	28	34	107	116	56	96	83	62	119	9	91

APPENDIX 11.

Cancer Deaths.

Year	No. of Deaths	Males	Females	Death Rate	Deaths from all causes	Percentage of Total Deaths
1932	92	43	49	1.43	749	12.3

APPENDIX 12.

Cancer Deaths. Parts of Body affected.

Parts affected	Age Sex	Under 35		35—45		45—55		55—65		65—75		75 & up		Total	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F
Peritoneum, Intestines & Rectum ...	...	...	...	...	...	1	2	4	1	5	6	2	3	12	12
Stomach, Liver, etc.	...	...	...	1	1	2	3	7	1	6	1	...	...	16	6
Reproductive Organs ...	...	...	1	...	1	...	2	...	7	...	3	...	...	...	14
Breast ...	...	...	1	...	1	...	2	...	2	...	1	...	2	...	9
Other Glands	...	...	...	...	1	...	...	...	...	2	...	2	...	4	1
Mouth ...	...	...	...	...	...	...	...	2	1	...	...	...	...	2	1
Bones ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other Parts	...	...	...	...	...	...	2	4	2	4	...	1	2	9	6
TOTALS	...	...	2	1	4	3	11	17	14	17	11	5	7	43	49
			2		5		14		31		28		12		92

APPENDIX 13.

Notifiable Diseases during the Year.

Disease.			Total Cases Notified.	Cases admit. to Hospital.	Total Deaths.
Smallpox	...	...	—	—	—
Scarlet Fever	...	...	85	64	—
Diphtheria	...	...	28	24	4
Enteric (Typhoid) Fever	...	...	1	—	—
Puerperal Fever	...	...	3	2	1
Puerperal Pyrexia	...	...	7	1	—
Cerebro-Spinal Fever	...	...	14	14	4
Erysipelas	...	...	34	1	2
Encephalitis Lethargica	...	...	—	—	1
Acute Polio-Myelitis	...	...	—	—	—
Pemphigus Neonatorum	...	...	1	—	—
Pneumonia	...	...	104	—	55
TOTALS	...	...	277	106	67

Notifiable Diseases during the Year.

Disease	Cases			Vision Unimpaired	Vision Impaired	Total Blindness	D'ths
	Notified	Treated Hospital	At Home				
Ophthalmia Neonatorum	2	...	2	2	...	...	...

APPENDIX 14.

Table showing No. of Admissions, etc., to Penmore Isolation Hospital during the year.

	In Hosp. Jan. 1st, 1932	Admitted	Discharged	Deaths	In Hosp. Dec. 31st 1932
Scarlet Fever ...	16	64	76	1	3
Diphtheria ...	1	25	19	5	2
Enteric Fever ...	...	...	...	...	...
Measles ...	3	...	3	...	...
Vincent's Angina ...	...	...	...	...	...
Encephalitis Lethargica ...	...	...	...	...	...
Puerperal Fever ...	...	...	...	...	...
Chickenpox ...	...	...	...	...	...
Erysipelas ...	...	1	1	...	...
Totals ...	20	90	99	6	5
Tuberculosis ...	12	39	21	9	9

APPENDIX 15.

Summary of Bacteriological Examinations carried out by the County Health Laboratory.

		From Health Department.		From General Practitioners.	
		Positive.	Negative.	Positive.	Negative.
Diphtheria ...	...	1	17	5	48
Phthisis ...	...	—	—	24	75
Enteric Fever ...	...	—	—	2	26
Ringworm ...	...	12	8	—	—
Miscellaneous ...	...	—	—	24	24
Totals ...	...	13	25	55	173

APPENDIX 16.

Prevalence of and Control over Infectious Diseases, Notified Cases, 1932.

DISEASE	Total	Cases notified in whole District												Ward Distribution of Cases																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
		At age Groups—Years												Hasland	Rother	Central	St. Leonard's	West	Holmebrook	Trinity	St. Helen's	Newbold	Moor	Old Whitting.	New Whitting.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
		under 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	10 to 15	15 to 20	20 to 35	35 to 45	45 to 65	up. of 65																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Smallpox ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	7	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...</

APPENDIX 17.

Tuberculosis.

Age Periods.		NEW CASES.				DEATHS.			
		Pulmonary.		Non-Pulmonary.		Pulmonary.		Non-Pulmonary.	
		M.	F.	M.	F.	M.	F.	M.	F.
Under 1 year	...	—	—	—	1	—	—	—	—
1—5 years	...	—	—	—	4	—	—	1	3
5—10 „	...	—	—	4	1	—	—	—	2
10—15 „	...	—	1	—	1	—	2	2	—
15—20 „	...	5	7	1	3	2	5	2	—
20—25 „	...	4	7	1	4	1	2	—	1
25—35 „	...	2	8	1	2	3	4	1	1
35—45 „	...	3	6	1	—	5	5	—	—
45—55 „	...	2	3	—	—	3	1	—	—
55—65 „	...	2	1	—	—	3	2	—	—
65 & upwards	...	—	2	—	—	—	—	1	—
Totals ...	...	18	35	8	16	17	21	7	7

APPENDIX 18.

Report on patients treated in the Tuberculosis Pavilion, Penmore Hospital, during 1932:—

Patients in the Pavilion on January 1st, 1932 ... 12

Admissions during the year ... 39

Discharges during the year ... 31

Deaths during the year ... 11

Patients in the Pavilion on December 31st, 1932 ... 9

Condition of patients on Discharge:—

Quiescent or Improved ... 13

Not Improved ... 7

The average duration of stay of patients discharged was 12 weeks and the average gain in weight of those discharged improved was 11.4lb.

Report on Borough cases of Tuberculosis who attended the County Dispensary in Brimington Road during 1932:—

Pulmonary (Adults)—male	...	...	63
female	...	...	67—130
Non-Pulmonary (Adults)—male	...	...	11
female	...	...	15—26
Pulmonary (Children under 15)—male	...	...	1
female	...	...	8—9
Non-Pulmonary (Children under 15)—male	...	...	14
female	...	...	18—32

APPENDIX 19.

Ward Distribution of Tuberculosis.

Wards.	Notifications.	Deaths.
Hasland	4	2
West	3	6
Rother	13	5
St. Leonard's	5	5
Holme Brook	5	8
Central	5	2
Trinity	5	2
St. Helen's	4	2
Moor	9	7
Newbold	7	9
Old Whittington	11	3
New Whittington	6	1
TOTALS	77	52

APPENDIX 20.

Hospitals Relief. Chesterfield and North Derbyshire Royal Hospital.

Beds available daily	...	...	...	220
Average number of patients (resident)	...	...	...	195.44
Number admitted as in-patients	...	...	...	2,710
Average number days residence per patient	...	...	...	26.47
Operations	...	...	...	4,478
Deaths	...	...	...	171
Number of Out-patients	...	...	...	8,104
Accidents and Emergencies	...	...	...	4,469

APPENDIX 21.

LIST OF ADOPTIVE ACTS, BYELAWS and LOCAL REGULATIONS RELATING TO PUBLIC HEALTH.

Acts of Parliament adopted by the Council.

- Baths and Wash-houses Acts, 1846-1899.—Adopted 1892.
- Infectious Disease (Notification) Act, 1889.—Adopted 8th October, 1890.
- Infectious Disease (Prevention) Act, 1890.—Adopted 17th November, 1890.
- Public Health Acts (Amendment) Act, 1890.—Adopted 10th March, 1891.
- Public Health Acts (Amendment) Act, 1907, Parts II (except Section 26), III, IV, V (except Sections 69 and 75 [1]), VI and X, with certain variations.—Adopted by Section 7 of the Chesterfield Corporation Act, 1923—previously adopted in March, 1910.
- Notification of Births Act, 1907.—Adopted 9th November, 1907.
- The Public Health Act, 1925, Part II (except Sections 33 and 34), Parts III, IV, and V.—Adopted 1st February, 1926.

Local Acts.

- The Chesterfield Corporation Act, 1923.

Byelaws.

- Cleansing of Footpaths, Pavements and Cesspools.—10th February, 1891.
- Common Lodging House.—14th February, 1905.
- New Streets and Buildings.—16th November, 1927.
- Nuisances.—10th February, 1891.
- Offensive Trades.—9th June, 1914.
- Slaughter-houses.—10th February, 1891.
- Houses let in Lodgings.—6th July, 1920.
- Tents, Vans and Sheds.—7th August, 1917.
- Smoke Abatement.—19th July, 1930.
- Nursing Homes.—5th December, 1928.

APPENDIX 22.

PROFESSIONAL NURSING IN THE HOME.

Names and Addresses of Visiting Nurses:—

Mrs. Burrows, 5, Church Street, Old Whittington.

Miss Hemmingway, 214, Old Road, Brampton.

Miss Brown, 28, Littlemoor Crescent, Newbold.

Miss Robinson, 36, Church Street, Derby Road.

Mrs. Hoult, 110, Tapton View Road.

Miss Gibson, 9, Hunloke Avenue, Boythorpe.

Miss Saville, 10, St. Helen's Street.

Summary of Work for the year 1932:—

					Cases Attended.	Visits Paid.
Mrs. Burrows	...	...	...	...	329	4,010
Miss Saville	...	...	...	...	291	3,003
Miss Hemmingway	...	...	...	...	444	5,130
Miss Brown	...	...	...	...	284	3,026
Miss Robinson	...	...	...	...	360	3,542
Mrs. Hoult	...	...	...	...	351	4,149
Miss Gibson	...	...	...	...	304	3,109
					2,363	25,969

APPENDIX 23.

Clinics and Treatment Centres.

Name and situation of Clinic.	Open on.	Provided by.
(1) Child Welfare Clinic at—		Chesterfield Corporation (M. & C.W. Committee)
(a) Maternity Home	Monday, Tuesday and Wednesday afternoons ...	do.
(b) Whittington Moor	Monday afternoons	do.
(c) New Whittington	Tuesday afternoons	do.
(2) Ante-Natal Clinic at Maternity Home ...	Thursday and Friday afternoons	do.
(3) School Clinic at 59, Saltergate—		Chesterfield Education Committee
(a) Minor Ailment Treatment ...	Daily mornings ...	do.
(b) Medical Inspection and Consultation	Tuesday and Friday mornings ...	do.
(c) Ophthalmic ...	Tuesday and Saturday mornings	do.
(d) Dental ...	Daily by appointment.	do.
(4) School Clinic at "Mary Swanwick" School, Old Whittington—	(a) Daily 2-30—4-0 (b) Open during periods of year when Whittington area is being inspected and treated and appointments will then be made.	do.
(a) Minor Ailments ...		
(b) Dental ...		
(5) Tuberculosis at Brimington Road ...	Tuesday and Fridays from 10 a.m. to 12-30 p.m. and 2 p.m. to 5 p.m.	County Council of Derbyshire
(6) Venereal Diseases At Chesterfield and North Derbyshire Royal Hospital ...	Males— Tuesdays, 4-30 to 6-30 p.m. Fridays, 2-30 to 4-30 p.m. Females— Tuesdays, 2 to 4 p.m. Fridays, 11 a.m. to 12-30 p.m.	County Council of Derbyshire

APPENDIX 24.

General Provision of Health Services in the Area.

Hospitals Provided or Subsidised by the Local Authority or
by the County Council.

Name.	No. of Beds.	Provided by.
(1) TUBERCULOSIS—		
(a) Walton Sanatorium ...	124	Derbyshire County Council
(b) Penmore Tuberculosis Pavilion ...	18	do.
(2) MATERNITY HOME ...	26	Corporation of Chesterfield
(3) FEVER—		
Penmore Isolation Hospital...	58	Chesterfield Joint Hospital Committee
(4) SMALLPOX—		
Spital Smallpox Hospital ...	45	North Derbyshire and Chesterfield Joint Hospital Committees
(5) GENERAL MEDICAL AND SURGICAL		
Chesterfield and North Derbyshire Royal Hospital	220	Governors of Chesterfield and North Derbyshire Royal Hospital
(6) POOR LAW—		
Public Assistance Hospital ...	205	Public Assistance Committee, Derbyshire County Council
Total ...	696	

There is no Institutional provision in Chesterfield for unmarried mothers, illegitimate infants and homeless children, except that provided by the Public Assistance Committee at their Public Assistance Hospital and Children's Homes.

Ambulance Facilities.

(a) FOR INFECTIOUS CASES :—

- (1) Motor ambulance at Penmore Hospital for fever cases.
- (2) Motor ambulance at Spital Hospital for smallpox cases.

(b) FOR NON-INFECTIOUS CASES :—

- (1) Borough Ambulance controlled by the Watch Committee of the Corporation.
- (2) Ambulances owned and run by collieries, ironworks, etc., in the district.

APPENDIX 25.

Corporation Maternity Home.

Summary of Work during the Year.

	Borough.	County.	Total.
No. of cases admitted since the opening	2,773	1,479	4,252
No. of cases admitted during 1932	313	251	564
No. of Babies born during year :—			
Live Births	266	207	473
Still Births	9	22	31
No. of Mothers discharged	323	240	563
No. of Mothers died	1	—	1
No. of Infants died	4	7	11
No. of cases remaining in the Home on December 31st, 1932 :—			
Mothers	14	12	26
Infants	11	9	20

APPENDIX 26.

Maternity and Child Welfare.

Attendances at each of the Maternity and Child Welfare Centres, 1932.

	Infants & Children Attending	Total Attend. made.	Average Weekly Attend.
Maternity Home—			
(North and Central Wards)	522	3,840	80.0
(West Ward)	404	3,551	68.2
(South Ward)	400	3,105	60.8
Adult School, Whittington Moor	376	3,440	69.0
Social Institute, New Whittington	156	1,348	27.0
	1,858	15,284	60.4

Summary of Work done at Infant Welfare Centres and Ante-Natal Clinics.

Total No. of Children attending Centres	...	...	1,858
Total Attendances	...	...	16,009
No. of Children who made first attendances	...	...	877
No. of visits made by these children	...	...	6,779
No. of children attending in current year who attended in previous year	...	...	981
No. of visits made by these children	...	...	9,230
No. of new attenders under 1 year of age	...	...	768
No. of new attenders between 1—5 years of age	...	...	109

Ante-Natal Clinic.

No. of first attendances	...	...	527
No. of re-attendances	...	...	762

Methods of Feeding on First Attendance at the Centres.

Method:—

Natural (Breast)	...	...	631
Artificial (various)	...	...	93
Combined (Natural and Artificial)	...	...	43
Children over 1 year—various diets	...	...	100
Breast feeding over 1 year of age	...	...	10
Total	...	...	877

APPENDIX 26(a).

The following table is a summary of the work carried out during the year 1932 at the Maternity and Child Welfare Dental Clinic, held on Saturday mornings for children of pre-school age.

Age under 1 year	...	...	...	...	...	...	—
„ 1 year	...	...	...	...	...	...	5
„ 2 years	...	...	...	...	...	...	13
„ 3 years	...	...	...	...	...	...	44
„ 4 years	...	...	...	...	...	...	23
„ 5 years	...	...	...	...	...	...	3
Total	...	...	...	...	...	...	88

Number of Temporary Extractions	...	...	...	219
„ Temporary Fillings	...	...	...	17
„ Dressings	...	...	...	35
„ Local Anæsthetics for Extractions	...	...	...	87
„ Attendances made by children for treatment	...	...	...	97

The amount received from parents for Dental Treatment of children of pre-school age was £3 7s. 0d.

APPENDIX 27.

Summary of Work done by the Health Visitors during the year.

Number of first visits to infants	...	...	1,156
„ „ re-visits to infants	...	...	5,752
„ „ visits to children 1—5 years	...	...	6,393
„ „ first visits to expectant mothers	...	...	334
„ „ re-visits to expectant mothers	...	...	259
„ „ Sanitary defects reported to			
Sanitary Inspectors	...	...	39
„ „ other visits	...	...	570

APPENDIX 28.

Midwives' Acts, 1902—1926.

Summary of Records received from Midwives.

Medical Help	...	...	...	...	280
Still Births	...	...	...	...	11
Deaths of Mothers	...	...	...	...	3
Deaths of Children	...	...	...	...	5
Laying-out the Dead	...	...	...	...	2
Liability to be a source of infection	...	...	...	...	5
Notification of Artificial Feeding (within 10 days)	...	...	...	...	12

The following is an analysis of the 280 Medical Help records received during 1932:—

Abortion or Miscarriage	...	...	...	24
Albuminuria	...	...	...	13
Ante-partum Hæmorrhage	...	...	...	15
Discharge during Pregnancy	...	...	...	—
Prolonged or Difficult Labour	...	...	...	81
Abnormal Presentation	...	...	...	18
Retained Placenta	...	...	...	8
Lacerated Perinæum	...	...	...	45
Still Births	...	...	...	—
Eclampsia, Fits or Convulsions	...	...	...	2
Post-partum Hæmorrhage	...	...	...	9
Rise of Temperature	...	...	...	6
White Leg	...	...	...	—
Inflammation of the Breast	...	...	...	—
Fits or Convulsions	...	...	...	2
Prolapse	...	...	...	1
Injuries or Malformations	...	...	...	8
Dangerous feebleness of child	...	...	...	23
Eyes, condition of	...	...	...	4
Skin Eruption	...	...	...	1
Miscellaneous	...	...	...	20

280

APPENDIX 29.

Table showing Types and Numbers of the various Sanitary Conveniences to Dwelling-houses in the Borough according to Wards.

Ward.	Water Closets.	Waste Water Closets.	Privies.	Pails.	Middens.	Fixed Dry Ashpits.	Portable Dust Bins.
Central ...	1,031	55	—	—	—	—	1,086
Hasland ...	1,185	14	1	—	1	—	1,199
Rother ...	2,078	26	2	—	2	—	2,104
St. Leonard's ...	1,176	4	48	—	31	—	1,179
Trinity ...	1,297	2	—	—	—	—	1,299
St. Helen's ...	598	33	32	—	24	—	629
Holme Brook ...	1,269	55	—	—	—	—	1,323
West ...	1,072	89	5	—	5	—	1,161
Moor ...	1,368	4	10	—	5	—	1,372
Newbold ...	1,589	4	39	—	35	—	1,593
Old Whittington ...	1,006	—	37	—	22	—	1,006
New Whittington ...	872	6	15	—	9	—	878
	14,541	292	189	—	134	—	14,829

APPENDIX 30.

SANITARY INSPECTION OF THE AREA.

Table showing the Work carried out by Sanitary Inspectors during 1932.

Complaints investigated	...	...	...	...	...	263
Nuisances found	...	...	...	...	...	953
Nuisances abated	...	...	...	...	...	851
Caravans inspected	...	...	...	...	...	61
Houses Disinfected	...	...	...	...	...	290
Visits to Infected Houses	...	...	...	...	...	120
„ „ Dairies, Cowsheds and Milkshops	...	...	...	...	...	301
„ „ Bakehouses	...	...	...	...	...	80
„ „ Ice-Cream Shops	...	...	...	...	...	59
„ „ Butchers' Shops	...	...	...	...	...	230
„ „ Fishmongers' Shops	...	...	...	...	...	10
„ „ Other Premises where Foodstuffs are prepared and sold	...	...	...	...	...	92
„ „ Offensive Trades	...	...	...	...	...	125
„ „ Slaughterhouses	...	...	...	...	...	4,531
„ „ Markets	...	...	...	...	...	140
„ „ Manure Receptacles	...	...	...	...	...	19
„ „ Common Lodging Houses	...	...	...	...	...	93
„ „ Houses Let in Lodgings	...	...	...	...	...	68
„ „ Factories and Workshops	...	...	...	...	...	72
„ „ Drains to New Buildings	...	...	...	...	...	259
Drains tested by Smoke or Water	...	...	...	...	...	356
Number of Re-inspections	...	...	...	...	...	2,135
„ „ Miscellaneous Visits	...	...	...	...	...	1,117
„ „ Observations re Smoke	...	...	...	...	...	143
„ „ Houses Inspected	...	...	...	...	...	279
„ „ Informal Notices	...	...	...	...	...	904
„ „ Statutory Notices	...	...	...	...	...	200

APPENDIX 31.

*Record of Works carried out as a result of action taken by
the Sanitary Inspectors.*

Obstructed Drains Cleansed	...	...	...	...	144
Drains Reconstructed	...	...	...	...	6
Drains Tested by Smoke or Water	...	...	...	...	7
Inspection Chambers Built or Repaired	...	...	...	...	27
Gully Traps Fixed	...	...	...	...	9
Defects in Drains Repaired	...	...	...	...	17
Sink Wastes Repaired	...	...	...	...	29
New Sinks fixed or Defects remedied	...	...	...	...	86
Rain Water Piper Repaired	...	...	...	...	70
Rain Water Pipes Disconnected	...	...	...	...	3
W.C. and Vent Pipes Repaired	...	...	...	...	12
Eaves Spoutings Repaired	...	...	...	...	192
Privies converted into W.C's.	...	...	...	...	1
Water Closets Repaired	...	...	...	...	88
W.C's. Provided	...	...	...	...	5
Ashpits replaced with Bins	...	...	...	...	2
New Dustbins Provided	...	...	...	...	399
Dirty Closets Cleansed	...	...	...	...	7
Dirty Premises Cleansed	...	...	...	...	32
Houses made reasonably fit	...	...	...	...	250
Urinals Repaired or Provided	...	...	...	...	2
Windows Repaired	...	...	...	...	198
Damp-proof Courses inserted in Walls	...	...	...	...	59
Roofs Repaired	...	...	...	...	145
Floors Repaired	...	...	...	...	160
Doors Repaired	...	...	...	...	108
Plastering Repaired	...	...	...	...	178
Damp Walls Repaired	...	...	...	...	149
Defective Fireplaces, etc., Repaired	...	...	...	...	244
Defective Water Supply Remedied	...	...	...	...	1
Houses provided with Internal Public Water Supply	...	...	...	...	—
Proper Food Store Provided	...	...	...	...	7
Houses Overcrowded dealt with	...	...	...	...	8
Ventilation Provided or Improved	...	...	...	...	5
Yards Repaved	...	...	...	...	41
Yard or Footpath Surfaces Repaired	...	...	...	...	33
Accumulations of Refuse Removed	...	...	...	...	17
Nuisance from Fowls and Other Animals Abated	...	...	...	...	26
Manure Pits Provided or Repaired	...	...	...	...	—
Miscellaneous Defects Remedied	...	...	...	...	215
Rat-Infested Premises Cleared	...	...	...	...	—
Water in Cellar Cleared	...	...	...	...	15
Factory or Workshop Contraventions	...	...	...	...	16
Pail Closets converted into W.C's.	...	...	...	...	3

APPENDIX 32.

Table of Nuisances discovered and dealt with.

	No. of Informal Notices served by Sanitary Inspector.	No. of Legal Notices served by Local Authority. (apart from action under the Housing Act, 1930).	No. of Nuisances abated with or without Notice.
Drainage:—			
No disconnection of waste pipe	—	—	—
Defective waste pipe, traps, inlets and drains	44	7	74
Drains obstructed	141	7	147
Closets and Ashpits:—			
Defective privies, pail closets and ashpits	1	—	1
Conversion of privies into W.C.s	—	—	—
Conversion of pail closets into W.C.s	—	—	—
Conversion of privies into pail closets	—	—	—
Defective water closets ...	49	1	62
Provision of additional water closets	2	1	6
Provision of portable ashbins	278	27	392
Dirty closets	10	—	10
Other Defects:—			
Paving of courts and yards ...	73	25	94
Roofs, eaves-spouts and down- spouts	89	2	132
Sinks	37	10	51
Insufficient ventilation	2	—	2
Windows	17	—	26
Dampness	25	—	37
Water in cellars	5	—	7
Water Supply	2	—	4
Overcrowding	6	—	2
Foul condition of houses ...	26	—	24
Offensive accumulations ...	22	—	22
Animals improperly kept ...	23	—	23
Pigsties	3	—	3
Smoke Nuisances	8	—	8
Urinals	1	—	1
Nuisances not specified above ...	71	—	118
Totals	935	80	1,246

APPENDIX 32 (contd.)

	No. on Register.	Inspections made.	Notices Served.	Nuisances abated with or without Notice.
Dairies, Cowsheds and Milkshops	288	301	7	8
Bakehouses ...	38	80	11	13
Slaughterhouses ...	34	4,531	7	7
Offensive Trades	70	125	4	4
Common Lodging- houses	4	93	5	5
Totals ...	434	5,130	34	37

APPENDIX 33.

Smoke Abatement—Summary of Observations, 1932.

Name of Firm.	No. of Observations made.	Total Minutes emission of black smoke.	Average No. of Minutes of black smoke in any continuous period of 30 minutes.
Brampton Brewery Co. ...	9	10 $\frac{3}{4}$	1.2
Blackburns, Victoria Street West	3	$\frac{1}{2}$	.2
Chesterfield Brewery Co. ...	12	13	1.0
Chesterfield Tube Co. ...	3	2 $\frac{1}{2}$	.8
Chesterfield Royal Hospital	10	10 $\frac{1}{2}$	1.0
Chesterfield Electricity Works	3	2 $\frac{1}{4}$	.7
Chesterfield Steam Laundry	9	12 $\frac{1}{4}$	1.4
Eyre & Sons, Ltd.	9	6 $\frac{1}{4}$	.7
Midland Fruit Preserving Company	7	3 $\frac{1}{4}$	.5
Pearson & Co., Pottery Lane	11	17 $\frac{1}{2}$	1.6
Pearson, Jas. & Co., Oldfield Pottery	9	12 $\frac{3}{4}$	1.4
Plowrights, Ltd.	8	13 $\frac{3}{4}$	1.7
Robinson & Sons, Ltd.—			
Wheatbridge Works ...	16	8	.5
Walton Works	4	—	—
Rodgers, S. T., Whittington	3	$\frac{1}{2}$	.2
Scarsdale Brewery Co. ...	11	14 $\frac{3}{4}$	1.3
Public Assistance Committee	8	11 $\frac{1}{2}$	1.4
Wright, Ed. & Sons, Wheatbridge Road ...	7	2 $\frac{1}{4}$	.3
Wagon Repairs, Ltd., Whittington	1	—	—
	143	142 $\frac{1}{4}$	.99

APPENDIX 34.

Premises and Occupations which can be controlled by Byelaws and Regulations.

The following table shows the character and number of such premises in the Borough:—

Common Lodging Houses	...	...	...	...	4
(One, the Municipal Hostel, is owned and supervised by the Corporation. Meals can be obtained and the Hostel has accommodation for 160 men).					
Houses Let in Lodgings	...	...	...	...	2
Slaughter-houses	...	...	...	...	34
*Tripe Boilers	...	...	...	...	4
*Gut Scrapers	...	...	...	...	2
*Tan Yards	...	...	...	...	1
*Tallow Melters	...	...	...	...	1
*Dealers in Rags and Bones	...	...	...	...	6
Bakehouses	...	...	...	...	38
*Fried Fish Shops	...	...	...	...	58
Dairies, Cowsheds and Milkshops	...	...	...	...	288
Tents, Vans, Sheds	...	...	...	...	78
Workshops of various kinds	...	...	...	...	170

APPENDIX 35.

Common Lodging Houses.

Situation.	Registered Number of Lodgers.	Remarks.
Municipal Hostel, Hipper Street ...	160	Owned by Corporation. Meals served.
33, Durrant Road ...	82	...
47, Lordsmill Street	41	...
The "Swan," St. Mary's Gate ...	21	...

APPENDIX 36.

The following figures summarise the results of Meat Inspection for the year 1932:—

	Tons.	Cwts.	Qrs.	Lbs.
Diseased and Unsound Beef ...	17	2	1	20
Diseased and Unsound Pork ...	3	1	—	15
Diseased and Unsound Mutton ...	—	1	1	26
Diseased and Unsound Veal ...	—	1	3	16
Diseased and Unsound Offals ...	9	4	—	22
	29	11	—	15
Various other Foods—Fish, Tinned Goods, etc. ...	—	3	3	26
Total for all Foods ...	29	15	—	13

No. of Carcases Inspected:—

4,861 Beasts; 415 Calves; 6,065 Sheep; 8,917 Pigs.

No. of Visits to Slaughterhouses	...	...	...	4,531
No. of Visits to Butchers' Shops	...	...	...	230
Percentage of Beasts found Tuberculous	...	...	...	10.9%
Percentage of Pigs found Tuberculous	...	...	...	7.4%

The following table gives a summary of the results of meat inspection annually for the last ten years. The high figures since 1925 are largely due to the active operation of the Public Health (Meat) Regulations, 1925:—

Year.	Visits to Slaughterhouses.	Diseased Meat and Organs destroyed.				Total Weight of all Food Destroyed.			
		Tons.	Cwts.	Qrs.	Lbs.	Tons.	Cwts.	Qrs.	Lbs.
1923	1008	3	1	—	—	6	12	3	24
1924	1417	4	6	—	4	6	1	2	11
1925	3402	13	8	—	25	14	—	1	17
1926	3510	12	4	—	10	13	3	—	14
1927	3279	15	15	1	21	16	6	1	22
1928	3685	13	19	—	26	14	9	3	8
1929	3980	14	4	2	11	18	12	1	25
1930	3732	18	10	3	18	18	13	2	7
1931	3948	22	16	3	27	23	7	—	25
1932	4531	29	11	—	15	29	15	—	13

APPENDIX 37.

Sale of Food and Drugs Act.

Nature of Food.	No. of samples obtained.	No. genuine.	No. not genuine or below standard (including appeal samples).	Prosecutions.
Milk	165	139	26	1 Dismissed 2 £ 10 & costs
Cream	8	8	—	—
Butter	21	21	—	—
Cheese	2	2	—	—
Lard	7	7	—	—
Margarine	2	2	—	—
Coffee	1	1	—	—
Bacon	2	2	—	—
Ham	1	1	—	—
Tea	3	3	—	—
Sausage	5	5	—	—
Dried Milk	1	1	—	—
Chocolate	1	1	—	—
Pickles and Malt Vinegar	1	1	—	—
Baking Powder	1	1	—	—
Bi-Carbonate of Soda	1	1	—	—
Cream of Tartar	1	1	—	—
Salmon Paste	1	1	—	—
	224	198	—	2

Summary of Work for the last Five Years.

Year.	Number Samples obtained	Number Genuine	Number below Standard	Per-centage	Prosecutions	Amount of fine and costs imposed.
1928	229	205	24	10.4	3	£ 17/2/0
1929	215	200	15	6.9	2	£ 27/2/0
1930	221	198	23	14.3	—	—
1931	204	182	22	10.7	1	12/6 Costs
1932	224	198	26	11.6	2	£ 12/2/0

APPENDIX 38.

1.—Factories and Workshops.

The following table shows the number of workshops on the register at the end of the year:—

Factory—Bakehouses	...	...	...	9
Workshops—Bakehouses	...	...	...	29
Dressmakers	...	...	...	12
Milliners	...	...	...	17
Woodworkers	...	...	...	21
Tailors	...	...	...	8
Saddlers	...	...	...	3
Smiths (tin and iron)	...	...	...	12
Boot Makers and Repairers	...	...	...	24
Cycle and Motors	...	...	...	15
Other Trades	...	...	...	29
				179

2.—Inspection of Factories and Workshops.

Premises.	No. of Inspections	No. of Notices.	No. of Prosecutions
Factories, including factory laundries	4	7	—
Workshops, including workshop laundries ...	68	11	—
Work places (other than outworkers' premises) ...	—	—	—
Total ...	72	18	—

3.—Defects found in Factories and Workshops.

Particulars of Nuisances under the Public Health Acts.	Found	Remedied.	Referred to H.M. Inspect.	No. of Prosecutions ins'tuted
Want of Cleanliness ...	9	9	—	—
Want of Ventilation ...	—	—	—	—
Overcrowding	—	—	—	—
Want of Drainage of Floors	—	—	—	—
Other Nuisances	—	—	—	—
Sanitary Accommodation—				
Insufficient	3	2	—	—
Unsuitable or defective ...	6	4	—	—
Not separate for sexes ...	—	—	—	—
Totals	18	15	—	—

APPENDIX 39.

HOUSING.

The following is a tabular statement of work done in regard to housing in 1932:—

1. Inspection of dwelling houses during the year.	
(1) (a) Total number of dwelling houses inspected for housing defects (under Public Health or Housing Acts)	290
(b) Number of inspections made for the purpose	858
(2) (a) Number of dwelling houses (included under sub-head (1) above), which were inspected and recorded under the Housing Consolidated Regulations, 1925	270
(b) Number of inspections made for the purpose	270
(3) Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	15
(4) Number of dwelling houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation	282
2. Remedy of Defects during the years without service of formal notices:—	
Number of defective dwelling houses rendered fit in consequence of informal action by the Local Authority or their officers	146
3. Action under Statutory Powers during the year:—	
A.—Proceedings under Sections 17, 18 and 23 of the Housing Act, 1930.	
(1) Number of dwelling houses in respect of which notices were served requiring repairs	84
(2) Number of dwelling houses which were rendered fit after service of formal notices:—	
(a) By Owners	94
(b) By Local Authority in default of Owners	19
B.—Proceedings under Public Health Acts.	
(1) Number of dwelling houses in respect of which notices were served requiring defects to be remedied	—

- | | |
|--|---|
| (2) Number of dwelling houses in which defects were remedied after service of formal notices:— | |
| (a) By Owners | — |
| (b) By Local Authority in default of Owners | — |

C.—Proceedings under Sections 19 and 21 of the Housing Act, 1930.

- | | |
|---|----|
| (1) Number of dwelling houses in respect of which Demolition Orders were made | 15 |
| (2) Number of dwelling houses demolished in pursuance of Demolition Orders | 18 |

D.—Proceedings under Section 20 of the Housing Act, 1930.

- | | |
|---|---|
| (1) Number of separate tenements or underground rooms in respect of which Closing Orders were made | — |
| (2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit | — |

E.—Proceedings under Section 3 of the Housing Act, 1925.

- | | |
|--|---|
| (1) Number of dwelling houses in respect of which notices became operative requiring repairs ... | — |
| (2) Number of dwelling houses which were rendered fit after service of formal notices:— | |
| (a) By Owners | — |
| (b) By Local Authority in default of Owners | — |
| (3) Number of dwelling houses in respect of which Closing Orders became operative in pursuance of declarations by Owners of intention to close | — |

F.—Proceedings under Sections 11, 14 and 15 of the Housing Act, 1925.

- | | |
|--|---|
| (1) Number of dwelling houses in respect of which Closing Orders became operative | — |
| (2) Number of dwelling houses in respect of which Closing Orders were determined, the dwelling houses having been rendered fit | — |
| (3) Number of dwelling houses in respect of which Demolition Orders became operative | — |
| (4) Number of dwelling houses demolished in pursuance of Demolition Orders | — |

APPENDIX 40.

BOROUGH OF CHESTERFIELD CLEANSING
DEPARTMENT.

CLEANSING SERVICES.

During the year 1931-32 the following work has been carried out by the Department:—

Refuse Collection.

Number of Bins emptied	...	...	...	728,655
Number of Pits emptied	...	...	...	1,087
Refuse collected (tons)	...	...	...	20,859
Yield per 1,000 population per day (365 days)	...	...	...	17.8 cwts.

Refuse Disposal.

					Tons.
Tonnage disposed by Screening Plant	...	...	...	...	16,122
By Tipping	...	...	...	...	5,537
Total	...	...	...	...	21,659

An income of approximately £775 has been derived from the sale of salvaged materials.

Street Cleansing.

Mileage of Streets	...	...	...	...	74.5
Gullies emptied	...	...	...	...	23,312
Tonnage of Gully Refuse	...	...	...	...	1,499
Tonnage of Street Refuse	...	...	...	...	2,655

Public Urinals.

Number in Borough	...	...	...	...	24
Number of Cleansings per year	...	...	...	...	7,556

APPENDIX 41.

DRAINAGE AND SEWERAGE.

The following are the particulars of Sewers and Surface Water Drains laid during 1932:—

Sewers.

					Yards.
Hasland Road, part 9in. and 12in., relaid to 15in.	...	...	...	...	180
Lordsmill Street, old egg shaped sewer relaid to 18in.	...	...	...	...	90
Wheeldon Lane, old brick sewer relaid to 9in.	...	...	...	...	64

Surface Water Drains.

Hasland Road, 9in.	...	...	...	...	150
Church Street, Old Whittington, 9in.	...	...	...	...	250

APPENDIX 42.

[COPY].

John Evans, F.I.C., Public Analyst's Laboratory, 67, Surrey Street, Sheffield.

Ref. Report No. 547/32.

Report on Sample of Water received from Mark:—
"Holymoorside Supply."

Physical Characters:—

Suspended Matter—Faint trace.

Appearance of a column 2 feet long—Clear, colourless.

Taste—Normal.

Odour—None.

Chemical Examination:—

	Parts per 100,000
Total Solid Matter	22.40
Loss on ignition	4.40
Chlorine	1.71
Equivalent to Sodium Chloride	2.81
Nitrites	None
Nitrates as Nitrogen	0.05
Poisonous Metals—Lead, None.	
Zinc, faint trace.	
Total Hardness	12.9
Temporary Hardness	7.1
Permanent Hardness	5.8
Oxygen absorbed in four hours at 80°F. ...	0.008
Ammoniacal Nitrogen	None
Albuminoid Nitrogen	0.0020

Bacteriological Examination.

B. Coli Test.

Presumptive Coli Organisms (MacConkey's Bile Salt Lactose Broth)—Absent in 50 cubic centimetres.

The low figures recorded under the heads of Oxygen absorbed and Albuminoid Nitrogen, together with the absence of Ammoniacal Nitrogen, show the water to be of exceptional organic purity.

The Bacteriological results confirm this—presumptive coli organisms being absent in 50 cubic centimetres of the water.

The water contains a faint trace of Zinc in solution, probably derived from the galvanised iron piping. The amount present is very small.

In my opinion this supply is satisfactory.

(Signed) John Evans.

[COPY].

John Evans, F.I.C., Public Analyst's Laboratory, 67, Surrey Street, Sheffield.

Ref. Report No. 547/32.

**Report on Sample of Water received from Mark:—
“Linacre Reservoir Supply.”**

Physical Characters:—

Suspended Matter—None.

Appearance of a column 2 feet long—Clear, faintly yellowish.

Taste—Normal.

Odour—None.

Chemical Examination:—

	Parts per 100,000
Total Solid Matter	15.20
Loss on ignition	3.60
Chlorine	1.43
Equivalent to Sodium Chloride	2.36
Nitrites	None
Nitrates as Nitrogen	0.10
Poisonous Metals (Lead, etc.)	None
Total Hardness	8.6
Temporary Hardness	2.0
Permanent Hardness	6.6
Oxygen absorbed in 4 hours at 80°F.	0.084
Ammoniacal Nitrogen	0.0004
Albuminoid Nitrogen	0.0080

Bacteriological Examination.

B. Coli Test.

Presumptive Coli Organisms (MacConkey's Bile Salt Lactose Broth)—Absent in 20 cubic centimetres. Present in 25 cubic centimetres.

The low figures recorded under the heads of Oxygen absorbed, Ammoniacal and Albuminoid Nitrogen, show the water to be free from other than normal traces of readily changeable organic matter.

The Bacteriological results likewise show the water to be satisfactory.

In my opinion this supply is satisfactory.

(Signed) John Evans.

Bales & Wilde, Printers, Chesterfield.
